



# **CalOMS Testing and Certification**

## **High-Level Overview**

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# Presentation Objectives

- **To provide a high-level overview of the CalOMS testing and certification process by answering the following questions:**
  - **What is testing and certification?**
  - **What is needed to pass testing and be certified?**
  - **Who is responsible for what part of testing?**
  - **Why is it beneficial?**
  - **What are the major steps that are involved?**
  - **What are ADP's testing expectations?**
  - **What are the testing timelines?**



# **What is CalOMS Testing and Certification (in a nutshell)?**

- **Once a county (or direct provider) completes its system, its output will need to be jointly tested by ADP and the county before the county's system can be certified and “production” data can be sent.**



# **What is required for a county system to pass testing and to be certified?**

- **Be able to successfully transmit a file to ADP in the correct file format.**
- **Be able to pass all ADP data edits and validations.**



# Who is responsible for what?

- Testing process itself is a collaborative effort.
- Counties are responsible for getting their systems ready for testing.
- ADP is responsible for testing protocols, schedule, and test files.
- Counties are responsible for test file input, processing and transmission to ADP
- ADP is responsible for reviewing test results, identifying any problems, and communicating back to county
- Counties are responsible for any fixes.



# **Some examples of data edits and validations**

- **Field-level edits, i.e., within allowable values, no nulls**
- **Relational edits, e.g., no pregnant males**
- **Cross-record edits, i.e., no duplicates, discharges before admission, etc.**



# Why is testing and certification important?

- **Editing data at point of data entry or initial processing improves data quality and reduces time/costs for both counties and ADP.**
- **Catching system bugs and problems before implementation is much less costly to fix than after going into production.**



# What are the tasks involved in testing and certification?

- **Specific protocol for testing is being developed**
- **Major tasks include:**
  - **Preparatory communication and scheduling with ADP**
  - **Setting up county test environment**
  - **Data input of test files**
  - **Reviewing results with ADP and making any needed system fixes.**
  - **Celebrating upon certification**





# **What are ADP's expectations?**

- That counties and direct providers will build their systems in accordance with CalOMS business rules AND**
- That counties and direct providers will build their systems with the same level of data edits and validations as specified in the CalOMS data matrix, file format and related documents.**



# What is the test file and how does it work?

- The test file is actually a group of files with approximately 1000 test admission and discharge test cases/records.
- Designed to test wide range of potential error conditions.
- Purpose is to standardize testing process for all counties
- ADP will create a test case/record for each scenario to be tested.
- Counties will input the test cases/records, process them, and then submit to our test system.



# **When does this all take place – what are the timelines?**

**Mid-August 2005: Detailed testing  
procedures published**

**August – September 2005: Individual ADP-  
county communications regarding testing  
procedures and scheduling the testing.**

**Mid-October 2005: Testing and  
certification window opens**

**March 1, 2006: Testing window closes.**



# Questions?

- **What should our county do in the interim until detailed procedures are released?**
- **What if county doesn't pass testing?**
- **If our county is one of several using the same third-party vendor, can we consolidate our testing effort?**